ABSTRACT OF THE DISCLOSURE

Provided are a novel fullerene whisker which can be expected to be applied to various uses as a new functional material and a process for efficiently producing the fullerene whisker described above. The above fullerene whisker is constituted from a fullerene derivative obtained by chemically modifying fullerene, and the fullerene whisker described above is produced by a process in which a good solvent solution dissolving a fullerene derivative obtained by chemically modifying fullerene with a malonic acid derivative such as dialkyl malonate in which an alkyl group has 1 to 4 carbon atoms is brought into contact with a poor solvent for the fullerene derivative described above to form a liquid-liquid interface and in which a whisker comprising the fullerene derivative is deposited in this liquid-liquid interface.